

THE PENNSYLVANIA MUSEUM  
AND  
SCHOOL OF INDUSTRIAL ART  
PHILADELPHIA.

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SIXTH  
  
ANNUAL REPORT  
  
OF THE  
  
TRUSTEES.

FOR THE FISCAL YEAR ENDING NOVEMBER 30, 1881.

MEMORIAL HALL,  
FAIRMOUNT PARK,  
1882.



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SIXTH

# ANNUAL REPORT


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# TRUSTEES.

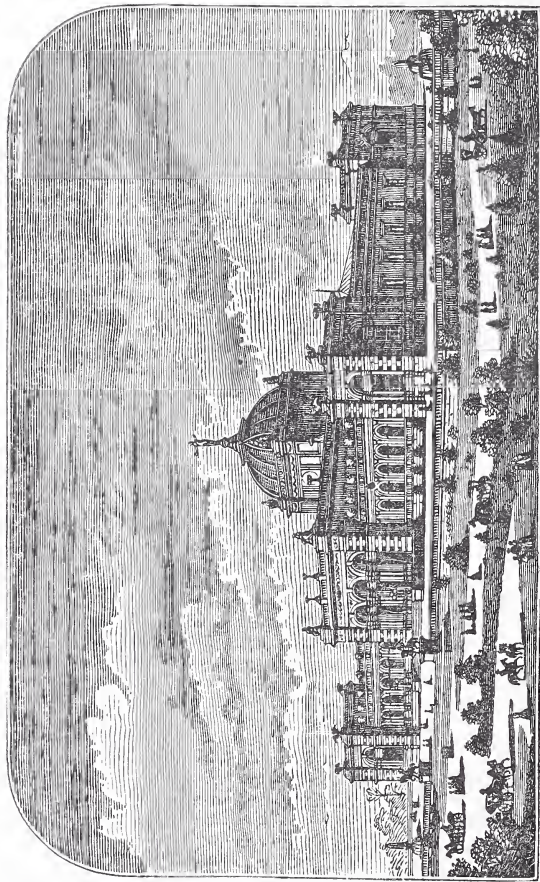
FOR THE FISCAL YEAR ENDING NOVEMBER 30, 1881.

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FAIRMOUNT PARK,  
1882.





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MEMORIAL HALL, FAIRMOUNT PARK, PHILADELPHIA,  
OCCUPIED BY THE  
PENNSYLVANIA MUSEUM AND SCHOOL OF INDUSTRIAL ART.

# OFFICERS FOR 1882.

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PRESIDENT,

WILLIAM PLATT PEPPER.

VICE-PRESIDENTS,

FREDERIC GRAFF,

PHILIP C. GARRETT.

TREASURER,

SECRETARY,

THOMAS COCHRAN,

DALTON DORR.

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## BOARD OF TRUSTEES.

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THE GOVERNOR OF THE STATE.

THE MAYOR OF THE CITY.

### ELECTED BY THE MEMBERS

*To serve for five years:*

FREDERIC GRAFF,  
COLEMAN SELLERS,

GEORGE WOOD,  
ROBERT S. DAVIS.

*To serve for four years:*

THOMAS HOCKLEY,  
RICHARD A. LEWIS,

CHARLES M. LEA,  
EDWIN GREBLE.

*To serve for three years:*

GEORGE W. CHILDS,  
WILLIAM PLATT PEPPER,

THOMAS DOLAN,  
SAMUEL WAGNER, JR.

*To serve for two years:*

HENRY C. GIBSON,  
WILLIAM H. MERRICK,

THOMAS COCHRAN,  
CHARLES E. DANA.

*To serve for one year:*

WAYNE MACVEAGH,

JOHN R. BAKER,  
F. R. SHELTON.

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ADAM EVERLY, *Appointed by the State Senate.*

J. E. MITCHELL, *Appointed by the House of Representatives.*

PHILIP C. GARRETT, *Appointed by Select Council.*

EDWARD T. STEEL, *Appointed by Common Council.*

FAIRMAN ROGERS, *Appointed by the University of Pennsylvania.*

ISAAC NORRIS, M. D., *Appointed by the Franklin Institute.*

JAMES L. CLAGHORN, *Appointed by the Penna. Academy of the Fine Arts.*

F. O. HORSTMANN, *Appointed by the Philad'a School of Design for Women.*

HENRY M. PHILLIPS, *Appointed by the Commissioners of Fairmount Park.*





# THE REPORT OF THE TRUSTEES

For the Fiscal Year ending November 30th, 1881.

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In making this Sixth Annual Report, your Trustees have the satisfaction of reviewing the events of a year in which the institution has made an encouraging advance towards that position of usefulness in the community which it was projected to fill. During the past twelve months the School has been well established under a competent Principal, in a convenient locality, and the Museum has been opened free to the public without any restriction whatever.

It is too soon yet for the School to expect any general recognition, or even for the development of the full measure of its usefulness, for the study of art in any of its branches is too new and in too experimental a stage with us for any well-defined conceptions, either of its range or limitations, to be very generally appreciated or understood. But the number is yearly increasing of earnest and ingenious persons who find in the artistic possibilities of various industrial pursuits an incentive to worthier efforts than are called for in the mechanical routine into which the trades have seemed to be drifting—persons who can estimate, therefore, at its true value the advantages of such education.

Standards of popular taste are perceptibly raised and instruction in the elements of art is beginning to be very generally regarded as a necessary part of any educational scheme. It is impossible that this feeling should not continue and increase, and that the usefulness of the School should not grow with an extended knowledge of its methods and its aims. Meanwhile, the students are making encouraging progress in the use of the implements and

resources of the designers, and in that phase of artistic culture whose influence is most widely diffused, and whose application is not confined to any craft or profession.

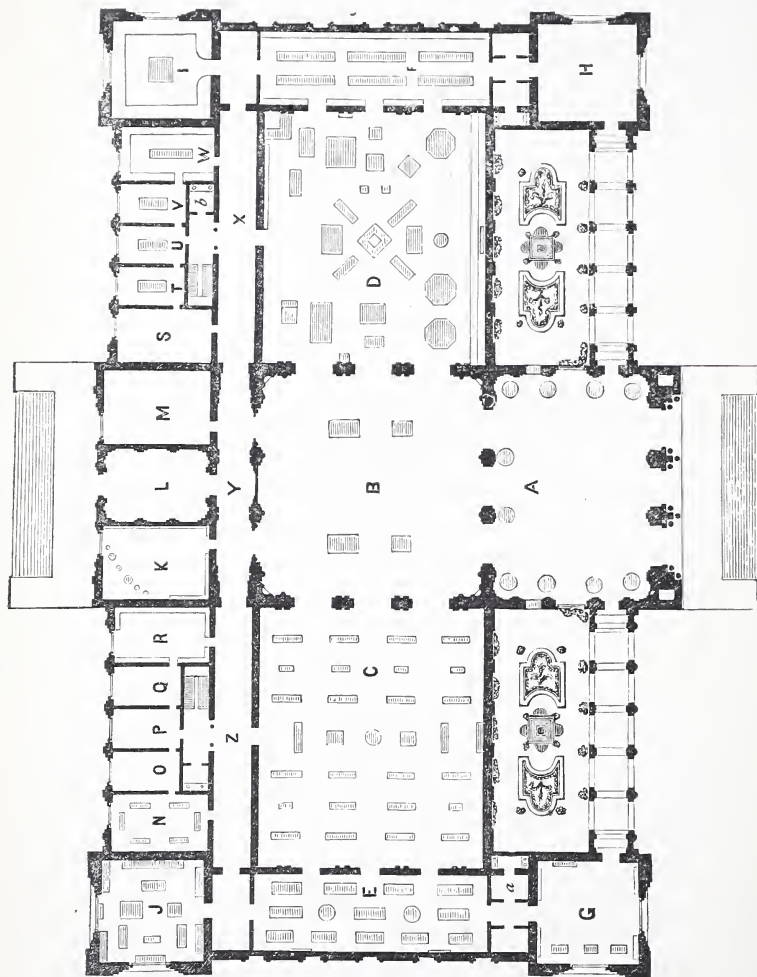
The opening of the Museum free to the public, long desired by your Trustees, and deferred until this time only because the funds of the institution were not sufficient to permit it, was made possible by the appropriation by City Councils of \$10,000 for the maintenance and repair of Memorial Hall during the year 1881. This event marks a memorable era in the history of the institution. Previous to this time, during the three years, 1878-79-80, when an admission fee was charged, the total number of visitors to the Museum was but 42,000, while during the eleven months of 1881 included in this report, it was visited by 128,000 persons.

It is probable that next year the attendance will be greater even than that here recorded. For with the removal of the Main Building, and the steam cars running every few minutes during the day from Broad and Market streets to the Girard Avenue Station, the public will have conveniences of access to the Hall never before possible. And, surely, with so large a proportion of our citizens informed of the opportunity afforded by the Museum for rational enjoyment, culture and self-improvement, it cannot be long before the community must realize the importance of sustaining in Philadelphia an institution of this kind and of contributing liberally to its support.

The appropriation by Councils for the maintenance of Memorial Hall has relieved the institution of certain expenses which have heretofore seriously crippled its usefulness, but the need for an Endowment Fund not only remains, but is more urgent now than ever before. It is needed to develop the educational work of the school and to give permanency to the Museum. Although your Trustees have no fund with which to make purchases for the collections, yet the latter are constantly growing by the acquisition of gifts and the increasing number of deposits on loan. This fact alone demonstrates the need for giving the institution that permanence which an endowment fund will best assure to it. It also shows that with an endowment fund secured the institution will have no difficulty in maintaining a steady and continuous growth.



# GROUND PLAN OF MEMORIAL HALL.



- |                                   |                                       |                                 |
|-----------------------------------|---------------------------------------|---------------------------------|
| A. Vestibule.                     | K. Furniture.                         | S. Mining and Metallurgy.       |
| B. Rotunda.                       | L. American Antiquities.              | T. " "                          |
| C. Glass Ceramic and Metal Work.  | M. Details of Architectural Ornament. | U. " "                          |
| D. Mining and Metallurgy.         | N. Studio.                            | V. " "                          |
| E. India Collection.              | O. " "                                | W. " "                          |
| F. Mining and Metallurgy.         | P. Office.                            | X. Maps, Etchings and Drawings. |
| G. Architecture and Wood Carving. | Q. Studio.                            | Y. " "                          |
| H. Mining and Metallurgy.         | R. Library.                           | Z. " "                          |
| I. Textiles.                      |                                       |                                 |

This is the history of all the great Museums in Europe, and in our own record of the past year we find a noteworthy illustration of the way this growth is attained. We refer to the munificent gift from Mrs. Moore as a memorial of her husband, the late Bloomfield H. Moore, Esq. This gift consists of an extensive collection of carved wood, ivory, metal work, glass, porcelain and pottery, gold and silversmiths' work, jewelry, and other objects of artistic value, selected by Mrs. Moore herself, or by experts acting for her, for this particular purpose.

It is as the custodian of art treasures such as these, intended expressly for the public use, that the institution is seeking to obtain a fund sufficient to insure its permanency. And although no sum of money has yet been received for this purpose, your Trustees have secured a sufficient number of pledges of subscription, conditioned on the raising of a certain specified amount, to encourage them to persevere in their efforts. Heretofore, what has been done towards the foundation and the support of the institution is the result of unremitted effort on the part of your Officers, seconded by the assistance of a few generous friends, but your Trustees think that the time has now arrived when the members and the public generally should be called on actively to interest themselves in the work of securing an endowment fund. The approaching bi-centennial anniversary of the founding of Philadelphia offers a favorable opportunity to accomplish this, as no more fitting memorial of the event could be erected than a museum of this kind—where the history of the city's progress in art manufactures will be preserved in examples, and where her artisans will be stimulated to fresh exertions by seeing displayed the best work of their fellow-artisans in other centres of industry.

Following is the detailed report of the Museum and the School for the year :

## THE MUSEUM.

The repairs made to the roof and dome of Memorial Hall, in the spring of 1880, greatly improved the condition of the building, but the heavy snows of the succeeding winter, and the subsequent rains and thaws, developed numerous leaks, showing that much

remained to be done to insure its proper preservation. One common source of leakage was the freezing of the eaves-pipes, causing a back-flow of water under the glass roof. Towards the end of the winter an attempt to remedy this was made by introducing steam-jets into some of the pipes. The experiment proved perfectly successful, and, during the summer, similar steam-jets have been introduced into all the other pipes. The other work done on the building this year out of the appropriation made by Councils for that purpose, may be summarized as follows: Further repairs to the glass and tin roof and to the dome; replastering the damaged portions of the walls and tinting or whitening the discolorations; repairs to the marble flooring: providing iron gates for the area entrances and iron gratings for the windows of the suite of north rooms, and repointing the granite bases to the statues of Clio and Calliope on the South Terrace.

Beginning on the first day of January, 1881, the Museum was opened free to the public. The following table shows the number of visitors in each month, and the total number for the fiscal year ending November 30:

1880.	ADMISSIONS.	CASH.
December, . . . . .	173	\$36.45
1881.		
January, . . . . .	637	Beginning January 1st, the Museum was opened free to the public, daily, except Monday, when it was closed for sweeping, &c.
February, . . . . .	2,635	
March, . . . . .	4,524	
April, . . . . .	9,126	
May, . . . . .	16,601	
June, . . . . .	14,276	
July, . . . . .	24,732	
August, . . . . .	15,738	
September, . . . . .	14,734	
October, . . . . .	14,269	
November, . . . . .	11,284	
Total, . . . . .	128,729	

This great increase in the number of visitors over previous years, added considerably to the labor of the employes, and made it necessary to close the Hall one day in the week (Monday is the day selected) for the purpose of sweeping, dusting, etc. It was also deemed prudent, in order to increase the authority of the attendants



to have two of them appointed special policemen. It is, however, gratifying to report that the conduct of visitors has been uniformly orderly and well-behaved—a good evidence of their appreciation of a free resort of this character.

In the Spring a brief pamphlet "Guide to the Museum" was prepared. Copies of this with the Catalogue of the "India Collection," Mr. Phillips' "Notes on the Collection of Coins," Mr. Hoppin's "Guide to Windsor Castle" and to "The Tower of London," and photographs of objects in the Museum were placed on sale at the catalogue stand in the south vestibule. They are sold for a price just sufficient to cover the cost of publication and the wages of a sales-lad.

The completion of the slip inventory of the collections and the progress made on the classification lists, will enable the publication of a series of descriptive catalogues to be begun early next year (1882). In anticipation of the rearrangement of objects which will then be made, five new cases have been placed in the Rotunda, and five in the South Vestibule. To supply the need for additional exhibition space, one new case has been placed in the Textile room and two new cases in the North Corridor.

No change has been made in the departments of Mining and Metallurgy since last year, when the committee appointed by the American Institute of Mining Engineers visited it and expressed themselves pleased with the arrangement.

During the Summer vacation an exhibition was made in the Rotunda of the work of the students in the School. There was also placed permanently in the North Corridor a series of drawings, illustrating the course of study they had pursued during the year. This series shows, better than any circular could explain, the system and methods employed, and competent judges, who have examined the plates, express themselves well-pleased with the results.

In September the Huffnagle collection of curiosities and works of art was deposited in the Museum by Mr. George W. Huffnagle. Such portions of it as were not desirable for exhibition purposes have been stored, and the remainder placed on view, chiefly in the Rotunda. A number of valuable objects have been obtained in this

way, notably a mummy-case from the tombs of Sakhara, in a very perfect state of preservation.

The room appropriated to the Moore-memorial collection has proved too small for the purpose, and arrangements are now making to place cases in the adjoining room, in order properly to display the many beautiful objects which make this valuable gift.

Among the objects belonging to the Museum placed upon view this year, are Eight Etchings, completing the set illustrating the work of the students in the etching class at South Kensington; Eight Electrotpe Plates from the Strogonoff School, Moscow; Ninety-eight samples of Swedish flax: Thirteen pieces of Egyptian Textiles, and a collection of Watch-Makers' Files from Switzerland.

During the year the Museum has received gifts as follows:

From Mrs. B. H. Moore, towards the Moore Memorial: European and Oriental pottery and porcelain; 660 pieces, including ornaments, cups, saucers, plates, dishes, tiles, etc. Enamels; 98 pieces, including plaques, caskets, ornaments, etc. Glass, ancient and modern; 104 pieces, including goblets, vases, urns, tazzi, etc. Metalwork; 6 pewter tankards, 4 brass bowls. Gold and Silversmiths' Work and Jewelry; 116 pieces, including coins, goblets, tankards, dishes, watches and trinkets. Woodwork; 24 objects, including bouffets, sofas, chairs, tables, mirror-frames, clocks, etc. Ivory, Shell and Pearl Ornaments; 38 pieces, including vases, jewel-boxes, buttons, frames, etc. Textiles; 8 pieces of wall-hangings. Pictures: 29 oil paintings (not catalogued), 15 medallion heads and miniatures.

From Lorin Blodgett: Silver and copper ore, weighing 250 lbs., from the Huautajaya mines, near Iquiqui, Peru.

From Dr. S. Wier Mitchell: Enamelled tiles; 6 fragments, from the Blue Mosque of Tabruz, Persia.

From Oldach and Mergenthaler: Panel illustrating decorative processes in Bookbinding.

From George Wood: Pitcher, English stoneware, pointed Chinese decoration.

From Galloway and Graff: Terra Cotta Vase, reproduction of the Roman Bacchic Vase in the Townley Collection, British Museum.



From William H. French: Plaster Casts; Model to scale of the Great Pyramid; Model to scale of the State House, Philadelphia.

From Mrs. S. B. Wister: Roman Coins and Medals; 907 specimens.

From George Burnham, George Whitney and Dr. Edward H. Williams: 1 Japanese Embroidered Banner.

From J. T. Morris: Engraved Glass; 2 pieces, modern Austrian.

Donations to the Library: From Thomas Hockley; Burnett on Composition in Painting.

Deposits on loan have been received from M. W. Dickeson, M. D.; Thomas Hockley; Frederick Graff; W. Norton Whitney, M. D.; Geo. W. Huffnagle; Coleman Sellers; Asbestos Patent Fibre Co.; J. B. Burleigh; Mrs. Ezra Bowen; John McArthur, Jr.; Thomas A. Walter; Francis W. Lewis, M. D.; and Wm. S. Vaux.

## THE SCHOOL.

Since the removal of the School to its present location, 1709 Chestnut Street, a steady improvement in its working has been observable. Indeed, it is only since that time that the atmosphere and association which are so necessary to its success have been possible. The curriculum prepared by the Principal for a three years' course of instruction has required no modification, and will, doubtless, be completed without change. The rooms are located in a central and easily accessible part of the city, and are furnished with all the necessary appliances for thorough and systematic study. Models and casts to meet the requirements of advanced students are added as needed, and the portion of the library which would be of most direct help in their studies has been brought in from the Museum.

The usual closing exercises of the School-year were held on the afternoon of June 4th, in the School-building. Addresses were made by Coleman Sellers, Prof. Henry Morton, and L. W. Miller,

the Principal of the School. An exhibition of the work of the students followed.

With the view of extending its usefulness and of bringing the work of the School into closer relations with that of the public schools, your Trustees, at a meeting held July 12, 1880, voted to place at the disposal of the Board of Public Education five free scholarships, to be annually filled by appointment of the Board, the scholarships to be for a three years' course of instruction. The offer was accepted by the Board, and five appointments were made, the recipients of which are now doing good work in the school. The five appointments for this second year will be filled before this report is in print.

The importance of Technical Education, as a means of advancing, not only the interests of the individual, but the industrial prosperity of the State, claims more and more attention each year, and there seems to be no question that the necessary instruction can be given in schools with greater economy of time, and with more satisfactory results—because the training may be made broader and more intellectual—than in the works on itself, to say nothing of the fact that, owing to causes which it is not necessary to specify here, the workshops of to-day are practically closed to the seeker after instruction.

But whatever methods of technical education may be in future adopted, and how far the imparting of such instruction will be found to belong to the province of the public schools, there can never be any question of the importance of the methods of study pursued in this School, in their intimate relation to all skilled labor. And it is the hope of your Trustees that in the normal instruction which it is largely the business of the School to furnish, may be laid the foundations of an art education deeper and more far-reaching than can be well foreseen at present; for it is inevitable that for many years to come the students who pursue to graduation the studies required here should find their place chiefly as teachers, while an important part of the usefulness of the School must always, as at present, be found in the Normal Art instruction of public school teachers, who have not had the benefit of such training.

Following is a list of the number of Students in attendance at the School, with their occupation.

Architect, . . . . .	1	Ornamentist, . . . . .	1
Cabinet maker, . . . . .	1	Painters, . . . . .	3
Carman, . . . . .	1	Paper-hanger, . . . . .	1
Carpenter, . . . . .	1	Physicians, . . . . .	2
Clerk, . . . . .	1	Stone-cutter, . . . . .	1
Cordspinner, . . . . .	1	Salesman, . . . . .	1
Designers, . . . . .	3	Students, . . . . .	26
Engravers, . . . . .	4	Teachers, . . . . .	6
Engine turner, . . . . .	1	Tinsmith, . . . . .	1
Farmer, . . . . .	1	United States Navy, . . . . .	1
Lithographers, . . . . .	2		—
Machinist, . . . . .	1	Total, . . . . .	62
Nickle-plater, . . . . .	1		

# TREASURER'S STATEMENT.

*November 30, 1880, to November 30, 1881.*

DR.

To balance on hand, November 30, 1880, . . . . .	\$142 15
Temporary Loans, . . . . .	3950 00
Park Commission for Memorial Hall, . . . . .	4980 82
Interest, . . . . .	10 03
Maintenance of Schools. Donations, Tuition, etc.. . . . .	3451 56
Annual Members, . . . . .	820 00
Exhibition at Memorial Hall, . . . . .	43 80
Transferred to Credit of Profit and Loss, . . . . .	\$4,325 39
	<u>\$13,398 36</u>

CR.

By Warrants Paid for:	
Office Expenses, . . . . .	\$91 59
Salaries, . . . . .	1179 23
Freight and Expressage, . . . . .	7 13
Printing, . . . . .	204 40
Advertising. . . . .	17 40
Maintenance of Art Schools, . . . . .	3690 07
Interest, . . . . .	56 25
Transferred to Debit of Profit and Loss, . . . . .	\$5246 07
Payments on account of Temporary Loans, . . . . .	900 00
Maintenance and Repairs of Memorial Hall, . . . . .	6149 61
Balance on hand, November 30, 1881, . . . . .	1102 68
	<u>\$13,398 36</u>

DR.

## BALANCE SHEET, November 30, 1881.

CR.

Cash,	\$1,102 68	Temporary Loans,	.	.	.	.	\$3,450
Maintenance and Repairs,	11,005 88	Life Members,	.	.	.	.	12,200 00
Unclassified Purchases,	492 76	Donations,	.	.	.	.	55,517 20
Office Furniture,	729 61						
School Furniture,	1,430 25						
Show Cases,	10,175 32						
Publications	381 90						
Library,	938 21						
Engravings and Photographs,	1,518 46						
Carvings in Ivory, etc.,	702 50						
Mosaics,	300 00						
Leather Work,	10 00						
Lacquer,	721 00						
Woodwork,	3,562 93						
Jewelry and Goldsmith's Work,	57 20						
Silversmith's Work,	1,083 18						
Metal Work,	1,749 37						
Bronze Work,	1,449 37						
Metal and Plaster Casts,	1,542 65						
Arms and Armor,	599 69						
Electrotype Reproductions,	7,242 92						
Coins and Medals,	120 00						
Enamels on Metal,	2,002 90						
Pottery,	4,601 19						
Porcelain,	2,822 38						
Painted and Stained Glass,	109 26						
Glass Vessels,	571 27						
Textile Fabrics,	4,230 13						
Lace,	74 00						
Profit and Loss,	9,840 19						
	\$71,167 20						\$71,167 20

# LIST OF MEMBERS

OF THE PENNSYLVANIA MUSEUM AND SCHOOL OF INDUSTRIAL ART,  
NOVEMBER 30, 1882.

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## CONTRIBUTING MEMBERS,

*Who have paid at one time two hundred dollars or upwards.*

Baird, John	Jones, Jacob P.
Bartol, B. H.	Lea, Henry C. <sup>1</sup>
Barton, Mrs. S. R.	Massey, William
Borie, C. & H.	Miles, Thomas
Brown, Alexander	McKean, H. P.
Burnham, Parry, Williams & Co.	Pepper, William Platt
Childs, George W.	Phillips, Henry M.
Clark, Mrs. M. D. M.	Rhoads, Miss Elizabeth
Cornelius & Sons	Rogers, Fairman
Disston & Sons	Santee, Charles
Dolan, Thomas	Scott, Thomas A.
Drexel, A. J.	Scott, Mrs. Thomas A.
Drexel, F. A.	Taitt, Mrs. C. G.
Garrett, Walter	Temple, Joseph E.
Garrett, W. E. Jr.	Wagner, Mrs. T.
Gibson Henry C.	Weightman, William
Gibson, Miss R.	Welsh, Samuel
Harrison, Havemeyer & Co.	Wharton, Joseph
Horstmann, F. O.	Whitney, A. & Sons.

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## LIFE MEMBERS,

*Who have paid at one time one hundred dollars.*

Allen, Joseph	Bickley, H. W.
Allen, Joseph, Jr.	Bickley, Mrs. H. W.
Baeder, Adamson & Co.	Biddle, Alexander
Baily, Joel J.	Biddle, Miss A. E.
Baker, John R.	Biddle, Mrs. Chapman
Baker, W. S.	Biddle, Clement
Barclay, R. D.	Biddle, Walter L. C.
Barclay, Mrs. R. D.	Blanchard, Miss A.
Bartol, H. W.	Blanchard, Miss H.

Blanchard, Miss M.  
 Bowen & Fox  
 Burnham, George  
 Butcher, Henry C.  
 Butcher, Mrs. H. C.  
 Button, Conyers  
 Caldwell, J. E.  
 Caldwell, J. E. & Co.  
 Campbell, Mrs. St. George T.  
 Carter, W. T.  
 Carver, W. Burton  
 Cassatt, A. J.  
 Catherwood, H. W.  
 Chapman, Joseph  
 Chew, Samuel  
 Claghorn, James L.  
 Claghorn, J. Raymond  
 Clark, Clarence H.  
 Clark, Ephraim  
 Clark, E. W.  
 Clark, J. Hinckley  
 Clayton, John  
 Clyde, Thomas  
 Coates, Benjamin  
 Coates, Edward H.  
 Cochran, M.  
 Cochran, Thomas  
 Coffin, Altemus & Co.  
 Coles, Miss Mary  
 Collins, H. H.  
 Cooper, John H.  
 Cope, Caleb  
 Cresson, W. P.  
 Cuyler, Mrs. Theodore  
 Dick, F. A.  
 Disston, Albert H.  
 Disston, Hamilton  
 Dobbins, R. J.  
 Dobson, John & James  
 Dolan, Thomas & Co.  
 Dougherty, James  
 Dreer, F. J.  
 Eddystone Manufacturing Co.  
 Fennimore, Edward L.  
 Fuguet, Stephen O.  
 Garrett, Miss E.

Garrett, Miss J.  
 Garrett, P. C.  
 Garrett, Mrs. W.  
 Gowen, Franklin B.  
 Graff, Frederic  
 Graff, Mrs. Frederic  
 Green, Stephen  
 Hagstoz & Thorp  
 Harrison, A. C.  
 Harrison, Thomas S.  
 Hart, Samuel  
 Heberton, G. Craig  
 Hill, George W.  
 Hockley, Thomas  
 Horstmann, W. H. A Sons  
 Houston, H. H.  
 Houston, Mrs. H. H.  
 Hughes, John O.  
 Hunter, James & John  
 Inungerich & Smith  
 James, John O.  
 Jayne, D. & Sons  
 Jones, Washington  
 Justice, Bateman & Co.  
 Justice, Miss Cecilia  
 Justice, Miss E. B.  
 Justice, Miss M. C.  
 Justice, W. W.  
 Justice, Mrs. W. W.  
 Knight, Edward C.  
 Lea, Isaac  
 Lewis, Edwin M.  
 Lewis, Henry  
 Lewis, Richard A.  
 Little, Amos R.  
 Little, Amos R. & Co.  
 Lovering, Joseph S.  
 Lovering, Joseph S., Jr.  
 Mac Veagh, Wayne  
 Merrick, J. Vaughan  
 Merrick, Mrs. S. V.  
 Merrick, William H.  
 Miles, Mrs. M. L.  
 Milliken, James  
 Morris, P. Pemberton  
 Morris, Wistar.

Murphy, Frank W.  
 McCallum, Crease, & Sloane  
 Newbold, John S.  
 Newbold, Mrs. John S.  
 Noblit, Dell  
 Norris, Charles  
 Orne, J. F. & E. B.  
 Page, Joseph F.  
 Patterson, Joseph  
 Pepper, George S.  
 Pepper, Lawrence S.  
 Pepper, William, M. D.  
 Phillips, Moro  
 Platt, Charles  
 Porter & Coates  
 Poultney, Charles W.  
 Provident Trust Co.  
 Randolph, Evan  
 Randolph & Jenks  
 Roberts, Jacob, M. D.  
 Rogers, C. H.  
 Rogers, W. D.  
 Scott, James P.  
 Scott, Mrs. James P.  
 Scull, D., Jr. & Bro.  
 Seibert, Henry  
 Sellers, Coleman  
 Sharpless, Charles S.  
 Shelton, Carlos

Shelton, F. H.  
 Shelton, F. R.  
 Shelton, Mrs. F. R.  
 Sherman, Roger  
 Shortridge, N. Parker  
 Smith, Thomas  
 Smyth, Lindley  
 Solms, S. J.  
 Sommerville, Maxwell  
 Spencer, Charles  
 Steel, E. T.  
 Steel, E. T. & Co.  
 Strawbridge, J. C.  
 Sweatnam, V. C.  
 Thomas, S. Harvey  
 Tyler, George F.  
 Vaux, William S.  
 Volmer, G.  
 Wagner, Samuel  
 Warden, W. G.  
 Warner, Redwood F.  
 Wheeler, Charles  
 Whital, Tatem & Co.  
 Williams, Edward H.  
 Wood, William & Co.  
 Wright, Edward N.  
 Wright, James A.  
 Wright, John W.  
 Wurtz, Charles Stuart

## ANNUAL MEMBERS.

*Who have paid ten dollars for 1881.*

Allison, W. C.  
 Bailey, Banks & Biddle  
 Baker, Alfred G.  
 Bates, Joseph W.  
 Batterson, Rev. H. G.  
 Bement, C. S.  
 Biddle, Cadwallader  
 Blankenburg, R.  
 Blynn, H.  
 Bodine, F. L.  
 Bowen, Ezra

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